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IN THE
UNITED STATES
PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Ucan
CASE: OST-031242
SERIAL NO.: 10/708,343
FILED ON: February 25, 2004
FOR: SENSOR DEVICE ON A FEED
PIPELINE CARRYING HIGH
VOLTAGE

STATEMENT OF
BASIS FOR
RELEVANCE OF
FOREIGN
LANGUAGE
DOCUMENTS
IDENTIFIED IN
SUBMITTED PTO-
1449

COMMISSIONER
FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION OF:

EXAMINER:

Dear Sir:

If any charges or fees must be paid in connection with the following communication, they may be paid out of our Deposit Account No. 50-0545.

<u>Publication Number</u>	<u>Publication Date</u>	<u>Basis for Relevance</u>
EP 1 319 439 A1	December 9, 2002	Magneto-optical sensor arrangement for detecting the position or movement of a scraper or other such moving body (12) beneath a high voltage component in a coating plant. Accordingly the polarization direction of linearly polarized light waves is changed due to the magnetic field sensed by a sensor element (15) that detects the signals of a magnetic signal element (14) attached to the moving body by use of the Faraday or Kerr effects. The resultant light signals are transmitted over an optical fiber (16) to a remote electronic analysis device.

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DE 197 38 097 C2	January 27, 2000	The method involves measuring the earth leakage current in the powder discharged from the spray devices (66). The current level is used as a measure for controlling the extraction equipment. Several units may be coupled together for control and measurement over a bus network.
DE 44 06 046 C2	November 20, 1997	A speed measurement arrangement measures the speed of the gas-powder mixture in the supply line. A mass measurement arrangement measures the mass per unit vol. in a section of the supply line. A computer derives the powder mass flow from the measured speed, the measured mass per unit vol. and the dimensions of the supply line. The speed measurement arrangement has two electrodes arranged at a distance apart along the supply line which detect charge variations on the line caused by the powder-gas mixture, from which the speed is derived. The mass measurement arrangement contains a microwave resonator (36) which detects a change in dielectric constant and/or microwave absorption in a resonant vol. of the supply line (10) as a change in the microwave amplitude or resonant frequency, from which the quantity of powder in the resonant vol. is derived.
DE 44 05 662 A1	February 2, 1995	The system includes an electrically isolated electrically less-conductive component fluid-flow course and an electrically-grounded electrically more-conductive component fluid-flow course. The electrically more-conductive component fluid-flow course may be additionally electrically isolated at the preference of an operator. A mixer is positioned proximal to an electrostatic spray gun, with a conduit holding alternating segments of electrically more-conductive component and electrically less-conductive component. The alternating segments function in series to additively provide a combined resistance which electrically blocks the high-voltage potential generated at the electrostatic spray gun. This, in turn, effectively isolates the electrically more-conductive component fluid-flow course and electrically less-conductive fluid-flow course from the high-voltage potentials.

DE 39 01 891 A1

July 26, 1990

The electrostatic field strength monitor detects the electrostatic field between a HV spray electrode (14) (12) and the earthed workpiece to be coated. The voltage at the spray electrode (12) or a proportional voltage is applied to a parallel circuit (13) comprising a capacitor (13a) and a light bulb (13b) comprising a capacitor (13a) and a light bulb (13b) with the optical signal provided by the latter fed via an optical fibre coupling (14) to an optoelectrical converter (15). This provides an electrical signal (15a) for a display and/or a switch element and/or a regulator. Pref. the parallel circuit (13) lies between a sensor electrode (16), spaced from the spray electrode (12) on earth.

EP 1 232 799 A2

February 6, 2002

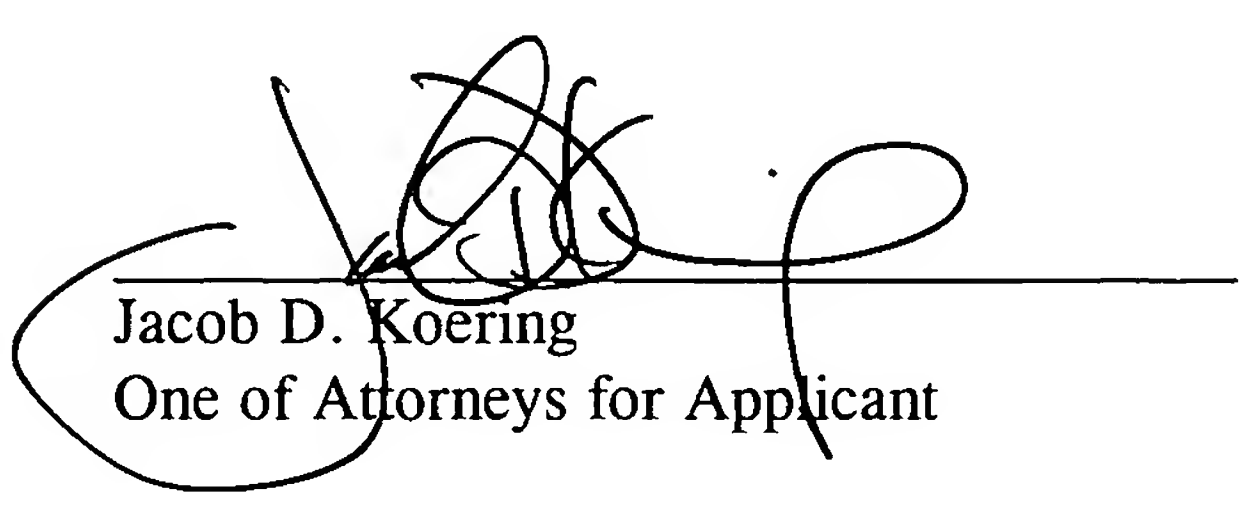
The spray device has at least one separation point (T1, T2, T3) for removal of a part (1,2,3) of the spray device incorporating control or signaling devices (MV, HNS) coupled to incorporated electrical lines (5, 5'), with an electrical coupling device (IK) for the latter provided at the separation point. The electrical coupling device uses inductive coils embedded in the cooperating parts of the spray device and aligned with one another when the parts of the spray device are assembled.

Should anything further be required, a telephone call to the undersigned at (312) 226-1818 is respectfully invited.

Respectfully submitted,

FACTOR & LAKE, LTD.

Dated: July 1, 2004



Jacob D. Koering
One of Attorneys for Applicant

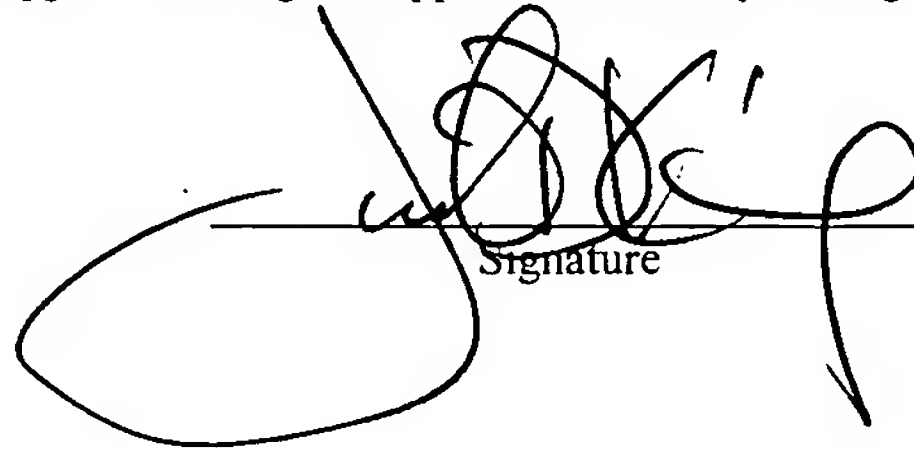


CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Patent Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 7, 2004.

Jacob D. Koering

Name of Applicant, assignee, applicant's attorney or Registered Representative


Signature



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<div>Substitute for form 1449A/PTO</div> <div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div>(use as many sheets as necessary)</div>				Complete if Known	
				Application Number	10/708,343
				Filing Date	02/25/2004
				First Named Inventor	Ucan
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	OST-031242

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 1 319 439 A1	12/09/2002	Duerr Systems GmbH		
		DE 197 38 097 C2	01/27/2000	Wagner Int AG		
		DE 44 06 046 C2	11/20/1997	Wagner Int AG		
		DE 44 05 662 A1	02/02/1995	Feitel A; Graco Inc.		
		DE 39 01 891 A1	07/26/1990	Wagner Int AG		
		EP 1 232 799 A2	02/06/2002	Duerr Systems GmbH		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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